

What is claimed is:

- Pat GJ*
1. A bacterium belonging to the genus *Escherichia* which has been constructed from a sucrose non-assimilative strain belonging to the genus *Escherichia*,  
5 the bacterium harboring sucrose PTS genes and having an ability to produce an amino acid other than threonine.
2. The bacterium according to claim 1, wherein the bacterium belonging to the genus *Escherichia* is *Escherichia coli*.
- 10 3. The bacterium according to claim 1 or 2, wherein the amino acid is selected from the group consisting of homoserine, isoleucine, lysine, valine and tryptophan.
- 15 4. A bacterium belonging to the genus *Escherichia* which has been constructed from a sucrose non-assimilative strain belonging to the genus *Escherichia*, the bacterium harboring sucrose non-PTS genes and having an ability to produce an amino acid.
- 20 5. The bacterium according to claim 4, the sucrose non-PTS genes comprising at least genes coding for a proton symport transport system, invertase and fructokinase.
- 25 6. The bacterium according to claim 4 or 5, wherein the bacterium belonging to the genus *Escherichia* is *Escherichia coli*.
7. The bacterium according to any of claims 4 to 6, wherein the amino acid is selected from the group

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consisting of threonine, homoserine, isoleucine, lysine, valine and tryptophan.

8. A method for producing an amino acid comprising the steps of cultivating the bacterium according to any one of claims 1 to 7 in a culture medium to produce and accumulate the amino acid in the culture medium, and collecting the amino acid from the culture medium.

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